ELECTROMAGNETIC LOCKING SYSTEM FOR A SAFETY SWITCH

Abstract of the Disclosure

A locking system (1) for a safety switch includes a read head (2) and an actuator (3), each of which is provided with first or second componentry (10, 14) encompassing electrical and/or electronic components that interact with each other in an electrically contactless manner, thereby controlling the safety switch. The locking system actuator (3) can be locked to the read head (2) by a switchable electromagnet (7) which interacts with a counterelement (12). The locking action is controlled by a sensor element (31, 32, 33, 34), the output signal of which depends on the magnetic field generated by the electromagnet (7).